

Farhan Riaz

Associate Professor

College of Electrical & Mechanical Engineering

Email: farhan.riaz@ceme.nust.edu.pk

Contact: 0515162132

LinkedIn: <https://www.linkedin.com/in/farhan-riaz-18374556/>



About

Dr. Farhan Riaz is working as Associate Professor in the College of Electrical & Mechanical Engineering. Dr. Farhan Riaz has a PhD in Medical Imaging. Dr. Farhan Riaz has published 58 research articles & conference papers having a citation count of 1049, carried out 2 projects and filed 3 intellectual property.

Qualifications

PhD in Medical Imaging Universidade do Porto , Portugal	2008 - 2012
MS in Communication Technische Universität München , Germany	2005 - 2007
BE in Computer Engineering NUST, Islamabad , Pakistan	2000 - 2004

Experience

Associate Professor College of Electrical & Mechanical Engineering	2022- Present
Associate Professor College of Electrical & Mechanical Engineering	2019 - 2022
Assistant Professor College of Electrical & Mechanical Engineering	2017 - 2019
Assistant Professor College of Electrical & Mechanical Engineering	2015 - 2017
Assistant Professor College of Electrical & Mechanical Engineering	2012 - 2015
Assistant Professor College of Electrical & Mechanical Engineering	2012 - 2012

Awards

Distinction	2012
Rectors Gold Medal	2004
First position in COMPPEC	2004
Distinction	2004

Research Projects

National Projects

Smart Aerial Drone based Surveillance System Funding Agency: IGNITE Amount: PKR 80,000.00 Status: Completed	2022
Industry 4.0 Process Virtualization System Funding Agency: HEC Amount: PKR 13,370,000.00 Status: Completed	2019

International Projects

Research Articles

Enhancing Signature Verification Using Triplet Siamese Similarity Networks in Digital Documents <i>Sara Tehsin Ali Hassan Inzamam Mashood Nasir Norma Latif Fitriyani Muhammad Syafrudin Farhan Riaz</i> <i>Mathematics</i> , Volume 12(17), Article Number 2757 Impact Factor: 2.300 Quartile: 1 Citations: 7 DOI: https://doi.org/10.3390/math12172757	2024
Gabor Contrast Patterns: A Novel Framework to Extract Features From Texture Images <i>Farhan Riaz Farhan Hussain Muhammad Umar Farooq Abdul Wahab Muzaffar Tarik Abuain Waleed Abdel Karim Abu-Ain Muhammad Ajmal Azad</i> <i>IEEE Access</i> , Volume 11, Pages 60324-60334 Impact Factor: 3.9 Quartile: 2 Citations: 6 DOI: 10.1109/ACCESS.2023.3280053	2023
Classification of Gastric Lesions Using Gabor Block Local Binary Patterns <i>Muhammad Tahir Farhan Riaz Imran Usman Muhammad Ibrahim Habib</i> <i>Computer Systems Science and Engineering</i> , Volume 46(3), Pages 4007-4022 Impact Factor: 4.397 Quartile: 1 DOI: https://doi.org/10.32604/csse.2023.032359	2023
A Hybrid Duo-Deep Learning and Best Features Based Framework for Action Recognition <i>Muhammad Naeem Akbar Farhan Riaz Ahmed Bilal Awan Muhammad Attique Khan Usman Tariq Saad Rehman</i> <i>Computers, Materials and Continua</i> , Volume 73, Issue 2, Pages 2555-2576 Impact Factor: 3.860 Quartile: 2 Citations: 10 DOI: http://dx.doi.org/10.32604/cmc.2022.028696	2022
DEEPESEL: A novel feature selection for early identification of malware in mobile applications <i>Muhammad Ajmal Farhan Riaz Anum Aftab Syed Khurram Jah Rizvi Junaid Arshad Hany F.Atlam</i> <i>Future Generation Computer Systems</i> , Volume 129, Pages 54-63 Impact Factor: 7.5 Quartile: 1 Citations: 17 DOI: https://doi.org/10.1016/j.future.2021.10.029	2022
A First Look at Privacy Analysis of COVID-19 Contact Tracing Mobile Applications <i>Muhammad Ajmal Azad Junaid Arshad Syed Muhammad Ali Akmal Farhan Riaz Sidrah Abdullah Muhammad Imran Farhan Ahmad</i> <i>IEEE Internet of Things Journal</i> , Volume 8, Issue 21, Pages 15796-15806 Impact Factor: 9.471 Quartile: 1 Citations: 44 DOI: 10.1109/JIOT.2020.3024180	2021
Hand-based Multibiometric Systems: State-of-the-Art and Future Challenges <i>Farhan Riaz Anum Aftab Haider Abbas Muhammad Waseem Iqbal Farrukh Aslam Khan Muhammad Khurram Khan</i> <i>PeerJ Computer Science</i> , Volume 7, Article Number e707 Impact Factor: 2.411 Quartile: 2 Citations: 15 DOI: https://doi.org/10.7717/peerj-cs.707	2021
Early MCI-to-AD Conversion Prediction Using Future Value Forecasting of Multimodal Features <i>Sidra Minhas Aasia Khanum Atif Alvi Farhan Riaz Shoab Ahmed Khan Fawaz Alsolami Muazzam Khattak</i> <i>Computational Intelligence and Neuroscience</i> , Volume 2021, Article ID 6628036, 12 pages Impact Factor: 3.120 Quartile: 2 Citations: 13 DOI: https://doi.org/10.1155/2021/6628036	2021

A Framework for Classification of Gabor Based Frequency Selective Bone Radiographs Using CNN <i>Rehan Nemati Farhan Riaz Ali Hassan Saad Rehman Muhammad Ajmal Azad Muhammad Abbas Farhan Hussain Saddam Rubab</i> <i>Arabian Journal of Science and Engineering</i> , Volume 46, Pages 4141-4152 Impact Factor: 2.807 Quartile: 2 Citations: 2 DOI: https://doi.org/10.1007/s13369-021-05339-7	2021
A survey of feature extraction and fusion of deep learning for detection of abnormalities in video endoscopy of gastrointestinal-tract <i>Hussam Ali Muhammad Sharif Mussarat Yasmin Mubashir Husain Rehmani Farhan Riaz</i> <i>Artificial Intelligence Review</i> , Volume 53, Pages 2635–2707 Impact Factor: 8.139 Quartile: 1 Citations: 44 DOI: https://doi.org/10.1007/s10462-019-09743-2	2020
Socioscope:I know who you are, a robo, human caller or service number <i>Farhan Riaz Muahammad Ajmal Azad Mamoun Alazab Junaid Arshad Tariq Abullah</i> <i>Future Generation Computer Systems</i> , Volume 105, Pages 297-307 Impact Factor: 7.187 Quartile: 1 Citations: 11 DOI: https://doi.org/10.1016/j.future.2019.11.007	2020
Gaussian Mixture Model Based Probabilistic Modeling of Images for Medical Image Segmentation <i>Farhan Riaz Ali Hassan Saad Rehman Muhammad Ajmal Rehan Hafiz Naif Radi Aljohani Raheel Nawaz Rupert Young Miguel Coimbra</i> <i>IEEE Access</i> , Volume 8, Pages 16846-16856 Impact Factor: 3.367 Quartile: 2 Citations: 39 DOI: 10.1109/ACCESS.2020.2967676	2020
Approximate Proximal Gradient-Based Correlation Filter for Target Tracking in Videos: A Unified Approach <i>Aimal Khan Haris Masood Saad Rehman Farhan Riaz Ali Hassan Muhammad Abbas</i> <i>Arabian Journal for Science and Technology</i> , Volume 44, Issue 11, Pages 9363-9380 Impact Factor: 1.711 Quartile: 2 Citations: 7 DOI: 10.1007/s13369-019-03861-3	2019
Pervasive blood pressure monitoring using Photoplethysmogram (PPG) sensor <i>Ali Hassan Farhan Riaz Muhammad Ajmal Azad Junaid Arshad Muhammad Imran Saad Rehman</i> <i>Future Generation Computer Systems</i> , Volume 98, Pages 120—130 Impact Factor: 6.125 Quartile: 1 Citations: 65 DOI: https://doi.org/10.1016/j.future.2019.02.032	2019
Active Contours Based Segmentation and Lesion Periphery Analysis For Characterization of Skin Lesions in Dermoscopy Images <i>Farhan Riaz Sidra Naeem Raheel Nawaz Miguel Coimbra</i> <i>IEEE Journal of Biomedical and Health Informatics</i> , NULL Impact Factor: 4.217 Quartile: 1 Citations: 67 DOI: 10.1109/JBHI.2018.2832455	2018
Predicting Progression From Mild Cognitive Impairment to Alzheimer?s Disease Using Autoregressive Modelling of Longitudinal and Multimodal Biomarkers <i>Sidra Minhas Aasia Khanum Farhan Riaz Shoab A. Khan Atif Alvi</i> <i>IEEE Journal of Biomedical and Health Informatics</i> , Volume: 22, Issue: 3, Pages 818-825 Impact Factor: 4.217 Quartile: 1 Citations: 44 DOI: 10.1109/JBHI.2017.2703918	2018
Self-Organizing Hierarchical Particle Swarm Optimization of Correlation Filters for Object Recognition <i>Sara Tehsin Saad Rehman Muhammad Omer Bin Saeed Farhan Riaz Ali Hassan Muhammad Abbas Rupert Young Mohammad S. Alam</i> <i>IEEE Access</i> , Volume 5, Pages 24495-24502 Impact Factor: 3.557 Quartile: 1 Citations: 24 DOI: 10.1109/ACCESS.2017.2762354	2017
A Nonparametric Approach for Mild Cognitive Impairment to AD Conversion Prediction: Results on Longitudinal Data <i>Sidran Minhas Aasia Khanum Farhan Riaz Atif Alvi Shoab A Khan</i> <i>IEEE Journal of Biomedical and Health Informatics</i> , Volume: 21, Issue: 5, Pages: 1403-1410 Impact Factor: 3.85 Quartile: 1 Citations: 33 DOI: 10.1109/JBHI.2016.2608998	2017

Content-Adaptive Region-Based Color Texture Descriptors for Medical Images <i>Rida Nisar Mario Dinis-Ribeiro Miguel Tavares Coimbra Farhan Riaz Ali Hassan</i> <i>IEEE Journal of Biomedical and Health Informatics</i> , Volume: 21, Issue: 01, Pages 162-171 Impact Factor: 3.85 Quartile: 1 Citations: 30 DOI: 10.1109/JBHI.2015.2492464	2017
Improving the Robustness of Neural Networks using K-Support Norm based Adversarial Training <i>Sheikh Waqas Akhtar Saad Rehman Mahmood Akhtar Farhan Riaz Muazzam A. Khan Kaiser Chaudry Rupert Young</i> <i>IEEE Access</i> , Volume: 4 Impact Factor: 3.244 Quartile: 1 Citations: 10 DOI: 10.1109/ACCESS.2016.2643678	2016
EMD-Based Temporal and Spectral Features for the Classification of EEG Signals using Supervised Learning <i>Farhan Riaz Ali Hassan Saad Rehman Imran Khan Niazi Kim Dremstrup</i> <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , Volume: 24 Issue: 1 Pages: 28-35 Impact Factor: 3.41 Quartile: 1 Citations: 325 DOI: 10.1109/TNSRE.2015.2441835	2016
A scalable architecture for geometric correction of multi-projector display systems <i>Kamran Babar Rehan Hafiz Khawar Khurshid Awais M. Kamboh Ali Hassan Farhan Riaz Byeungwoo Jeon</i> <i>Displays</i> , Volume 40, Pages 104-112 Impact Factor: 1.903 Quartile: 1 Citations: 3 DOI: 10.1016/j.displa.2015.05.009	2015
Intensity-based statistical features for classification of lungs CT scan nodules using artificial intelligence techniques <i>Sheeraz Akram Muhammad Younus Javed Ayyaz Hussain Farhan Riaz M. Usman Akram</i> <i>Journal of Experimental & Theoretical Artificial Intelligence</i> , Volume: 27 Issue: 6 Pages: 737-751 Impact Factor: 1.703 Quartile: 2 Citations: 33 DOI: 10.1080/0952813X.2015.1020526	2015
Scale and rotation invariant texture classification using covariate shift methodology <i>Ali Hassan Farhan Riaz Arsalan Shaukat</i> <i>IEEE Signal Processing Letters</i> , Volume 21, Issue 3, Article number 6722919, Pages 321-324 Impact Factor: 1.751 Quartile: 2 Citations: 5 DOI: 10.1109/LSP.2014.2302576	2014
Rotation and scale invariant texture classification by compensating for distribution changes using covariate shift in uniform local binary patterns <i>Ali Hassan Farhan Riaz Saad Rehman</i> <i>Electronics Letters</i> , Volume: 50, Issue:1, Pages:27-28 Impact Factor: 0.93 Quartile: 3 Citations: 3 DOI: 10.1049/el.2013.2578	2014
Texture Classification Using Rotation- and Scale-Invariant Gabor Texture Features <i>Farhan Riaz Ali Hassan Usman Qamar Saad Rehman</i> <i>IEEE Signal Processing Letters</i> , Volume: 20, Issue: 6, Pages: 607-610 Impact Factor: 1.639 Quartile: 2 Citations: 90 DOI: 10.1109/LSP.2013.2259622	2013
Impact of Visual Features on the Segmentation of Gastroenterology Images Using Normalized Cuts <i>Farhan Riaz Francisco Baldaque Silva Mario Dinis Ribeiro Miguel Tavares Coimbra</i> <i>IEEE Transactions on Biomedical Engineering</i> , Volume 60, Issue 5, Pages: 1191-1201 Impact Factor: 2.233 Quartile: 2 Citations: 22 DOI: 10.1109/TBME.2012.2230174	2013
Invariant Gabor Texture Descriptors for Classification of Gastroenterology Images <i>Farhan Riaz Francisco Baldaque Silva Mario Dinis Ribeiro Miguel Tavares Coimbra</i> <i>IEEE Journal of Biomedical and Health Informatics</i> , Volume 59, Issue 10, Pages 2893-2904 Impact Factor: N/A Citations: 69 DOI: 10.1109/TBME.2012.2212440	2012

Ensemble Learning for Offline Signature Verification using Fused Deep Features <i>Sara Tehsin Prof Ali Hassan Dr Farhan Riaz</i> <i>2024 5th International Conference on Advancements in Computational Sciences (ICACS), res.country(177,)</i> Citations: N/A DOI: 10.1109/ICACS60934.2024.10473290	2024
Supervised Level Sets For Dermoscopic Image Segmentation <i>Muntaha Sakeena Rubata Riasat Ali Hassan Farhan Riaz</i> <i>2018 IEEE 20th International Conference on e-Health Networking, Applications and Services (Healthcom) , res.country(56,)</i> Citations: N/A DOI: 10.1109/HealthCom.2018.8531083	2018
Curve Evolution Based on Edge Following Algorithm for Medical Image Segmentation <i>Sana Ullah Shah Khalid Farhan Hussain Ali Hassan Farhan Riaz</i> <i>IEEE Intelligent Systems Conference IntelliSys 2018, res.country(231,)</i> Citations: N/A DOI: 10.1007/978-3-030-01054-6_38	2018
Segmentation of heart sound by clustering using spectral and temporal features <i>Shah Khalid Ali Hassan Sana Ullah Farhan Riaz</i> <i>IEEE Intelligent Systems Conference IntelliSys 2018, res.country(231,)</i> Citations: N/A DOI: 10.1007/978-3-030-01054-6_24	2018
Convolutional neural network based image segmentation: a review <i>Hina Ajmal Saad Rehman Muhammad Umar Farooq Qurrat-ul-Ain Farhan Riaz Ali Hassan</i> <i>SPIE Defense + Security, res.country(233,)</i> Citations: N/A DOI: 10.1117/12.2304711	2018
Comparison of SIFT and ASIFT based filters for better recognition and tracking in a remote scene environment <i>Haris Masood Saad Rehman Qaiser Chaudry Farhan Riaz Ali Hassan Muhammad Umar Farooq</i> <i>SPIE Defense + Security, res.country(233,)</i> Citations: N/A DOI: 10.1117/12.2305266	2018
A composite framework for segregating x-rays of osteoporotic cases from healthy controls <i>Rehan J. Nemati Saad Rehman Ahmed B. Awan Farhan Riaz</i> <i>SPIE Defense + Security, 2018 , res.country(233,)</i> Citations: N/A DOI: 10.1117/12.2304779	2018
PCA and LDA based Classifiers for Osteoporosis Identification <i>Hina Ajmal Saad Rehman Farhan Riaz Ali Hassan Aqib Perwaiz Qurrat U. Ain</i> <i>29th Pattern Recognition and Tracking Conference held from 15-19 Apr 2018 in USA, res.country(233,)</i> Citations: N/A DOI: 10.1117/12.2304728	2018
Estimation of Illumination Map form Dermoscopy Images for Extracting Differential Structure using Gabor Local mesh Patterns <i>Farhan Riaz Rida Nisar Ali Hassan Muntaha Sakeena Muhammad Ajmal Azad</i> <i>2017 International Conference on Computational Science and Computational Intelligence (CSCI), res.country(233,)</i> Citations: N/A DOI: 10.1109/CSCI.2017.72	2017
Security Risk Detection Algorithms in Artificial Immune Systems <i>Muazzam Khattak Saad Rehman Kanza Sheikh Farhan Riaz</i> <i>2nd International Conference on Information Technologies, Systems and Networks, (ITSN-2017)</i> Citations: N/A DOI: https://ibn.idsi.md/ro/vizualizare_articol/60424	2017
Detection and Classification of Pilots Cognitive State using EEG <i>Q.A. Khan Ali Hassan Saad Rehman Farhan Riaz</i> <i>2nd IEEE International Conference on Computational Intelligence and Applications, res.country(48,)</i>	2017

Citations: N/A DOI: 10.1109/CIAPP.2017.8167249	
Automatic Tracking of Cervical Spine Using Fluoroscopic Sequences <i>Muhammad Nauman Ali Hassan Farhan Riaz Saad Rehman Rasmus Wiberg Nedergard Kelly Holt Heidi Haavik Imran Khan Niazi</i> <i>IEEE Intelligent Systems Conference</i> , res.country(231,)	2017
Citations: N/A DOI: 10.1109/IntelliSys.2017.8324355	
Dermoscopic image analysis using pattern recognition techniques from region of interest (ROI) for detection of melanoma <i>ZEESHAN AHMAD MUNTAHA SAKREENA RUBATA RIASAT ABDUL HANNAN SADIQ FARHAN RIAZ</i> <i>International Conference on Machine Learning and Cybernetics (ICMLC)</i> , res.country(48,)	2017
Citations: N/A DOI: 10.1109/ICMLC.2017.8107759	
Fully Invariant Wavelet Enhanced Minimum Average Correlation Energy Filter for Object Recognition in Cluttered and Occluded Environments <i>Sara Tehsin Saad Rehman Farhan Riaz Omer Saeed Ali Hassan Muazzam Khan Muhammad S. Alam</i> <i>Pattern Recognition and Tracking XXVIII(2017)</i> , res.country(233,)	2017
Citations: N/A DOI: 10.1117/12.2262434	
An efficient machine learning approach for the detection of melanoma using dermoscopic images <i>Zahra Waheed Amna Waheed Madeeha Zafar Farhan Riaz</i> <i>International Conference on Communication, Computing and Digital Systems (C-CODE)</i> , res.country(177,)	2017
Citations: N/A DOI: 10.1109/C-CODE.2017.7918949	
Trajectory Based Predictive Modeling of Conversion from Mild Cognitive Impairment to Alzheimer's Disease <i>S. Minhas A. Khanum F. Riaz S. A. Khan A. Alvi</i> <i>2017 IEEE EMBS International Conference on Biomedical & Health Informatics (BHI)</i> , res.country(233,)	2017
Citations: N/A DOI: 10.1109/BHI.2017.7897286	
Short and Long Term Prediction of MCI-to-AD Based on Longitudinal Multimodal, Multivariate Biomarkers <i>Sidra Minhas Aasia Khanam Farhan Riaz Shoab A. Khan Atif Alvi</i> <i>9th International Conference of Latest Trends in Engineering and Technologies</i> , res.country(2,)	2016
Citations: N/A DOI: N/A	
How well can the fusion of Gabor filters and local binary patterns help in identifying gastric lesions? <i>Farhan Riaz Ali Hassan Pedro Pimentel-Nunes Diogo Libnio e Jorge Lage Miguel Tavares Coimbra</i> <i>2016 38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)</i> res.country(233,)	2016
Citations: N/A DOI: 10.1109/EMBC.2016.7590921	
Using a Portable Device for Online Single-Trail MRCP Detection and Classification <i>Ali Hassan Usman Ghani Farhan Riaz Saad Rehman Mads Jochumsen Denise Taylor Imran Khan Niazi</i> <i>Intelligent Data Engineering and Automated Learning – IDEAL 2015</i> , res.country(178,)	2015
Citations: N/A DOI: 10.1007/978-3-319-24834-9_61	
A Robust Classification Model with Voting based feature Selection for Diagnosis of Epilepsy <i>Ali Hassan Farhan Riaz Abdul Basit</i> <i>2015 IEEE 28th Canadian Conference on Electrical and Computer Engineering (CCECE)</i> , res.country(38,)	2015
Citations: N/A DOI: 10.1109/CCECE.2015.7129181	
A Robust Classification Model based on iBSA and GCA Biomarker for Diagnosis of Epilepsy <i>Ali Hassan Farhan Riaz Abdul Basit</i> <i>2015 IEEE 28th Canadian Conference on Electrical and Computer Engineering (CCECE)</i> , res.country(38,)	2015
Citations: N/A	

DOI: 10.1109/CCECE.2015.7129180	
An Empirical Study to Remove Noise from Signal-Trail MRCP for Movement Intention Detection	2015
<i>Ali Hassan Farhan Riaz Saad Rehman Mads Jochumsen Imran Niazi Kim Dremstrup</i>	
<i>2015 IEEE 28th Canadian Conference on Electrical and Computer Engineering (CCECE), res.country(38,)</i>	
Citations: N/A	
DOI: 10.1109/CCECE.2015.7129183	
Enhanced Dynamic Quadrant Histogram Equalization Plateau Limit for Image Contrast Enhancement	2015
<i>Rizwan Khalid Saad Rehman Farhan Riaz Ali Hassan</i>	
<i>2015 Fifth International Conference on Digital Information and Communication Technology and its Applications (DICTAP), res.country(126,)</i>	
Citations: N/A	
DOI: 10.1109/DICTAP.2015.7113176	
Human Detection in Sensitive Security areas through Recognition of Omega Shapes using MACH Filters	2015
<i>Muwahida Liaquat Saad Rehman Farhan Riaz Ali Hassan Rupert Young</i>	
<i>Optical Pattern Recognition XXVI Conference, res.country(233,)</i>	
Citations: N/A	
DOI: 10.1117/12.2176841	
Distance Regularized Curve Evolution: A Formulation Using Creaseness Features for Dermoscopic Image Segmentation	2014
<i>Jahan Zeb Farhan Riaz Ali Hassan</i>	
<i>2014 12th International Conference on Signal Processing (ICSP), res.country(48,)</i>	
Citations: N/A	
DOI: 10.1109/ICOSP.2014.7015166	
Processing movement related cortical potentials in EEG signals for identification of slow and fast movements	2014
<i>Farhan Riaz Ali Hassan Saad Rehman Imran Niazi M. Jochumsen K. Dremstrup</i>	
<i>2014 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, res.country(233,)</i>	
Citations: N/A	
DOI: 10.1109/EMBC.2014.6944724	
Daily Sound Recognition for Elderly People using Ensemble Methods	2014
<i>Arslan Shaukat Muhammad Ahsan Ali Hassan Farhan Riaz</i>	
<i>2014 11th International Conference on Fuzzy Systems and Knowledge Discovery (FSKD), res.country(48,)</i>	
Citations: 11	
DOI: 10.1109/FSKD.2014.6980871	
Classification of Kinetics of Movement for Lower Limb using Covariate Shift Method for Brain Computer Interface	2014
<i>Ali Hassan Imran Khan Niazi M. Jochumsen Farhan Riaz K. Dremstrup</i>	
<i>2014 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), res.country(109,)</i>	
Citations: N/A	
DOI: 10.1109/ICASSP.2014.6854726	
Integral Scale Histogram Local Binary Patterns for Classification of Narrow-band Gastroenterology Images	2013
<i>Farhan Riaz Mario-Dinis Ribeiro Pedro Pimentel-Nunes Miguel Tavares Coimbra</i>	
<i>2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), res.country(113,)</i>	
Citations: N/A	
DOI: 10.1109/EMBC.2013.6610350	
A new algorithm for reconstruction of 3-D coordinates from a 2-D image using a projected pattern	2004
<i>Farhan Riaz Asim Munawar Arslan Mehboob Wajahat Baig</i>	
<i>8th International Multitopic Conference (INMIC'04), res.country(177,)</i>	
Citations: N/A	
DOI: 10.1109/INMIC.2004.1492949	

Editorial Activities

Reviewed Papers for Journals	2022
Impact Factor: 3.88	

Intellectual Property

Copyrights

Software for the Annotation and Labeling of Gastroenterology Images	2022
Status: Filed	
Industry 4.0 Process Virtualization system Dashboard/Meshloc4F	2021
Status: Filed	

Patents

Industrial Designs

Industry 4.0 Process Virtualization Routing Node	2021
Status: Filed	

Trademarks